LET	ALTERATION	DATE	BY
M	TRACED TO DATE	6-21-37	
N	WAS -12	4-29-39	
O	WAS -78	4-29-39	
P	ADDED NOTE	4-29-39	
Q	PART NOS ADDED	4-29-39	
R	CHGD DIM FROM 1/2 TO 9/16	11-5-40	
S	ADDED NOTE	11-5-40	
T	ADDED GENERAL NOTE	11-5-40	
U	ADDED NOTE: TOL. FOR RIB & NOSE RIB ASSY. SHALL BE ±1/16 ON ALL CONTOUR DIMS. UNLESS OTHERWISE SPECIFIED	4-10-43	

SUPPLIES & EQUIPMENT CLASSIFICATION

CO #3639 (N–Q)
BREWSTER C.O. OF 7-28-40
BREWSTER C.O. 206
C.O. 19640
E.O. 38904 ALL 28-63

A — I — J — K

DET. "A" — 5W018 — AN 442-D4 — CUT OUT INSIDE OF TUBE TO CLEAR FITTING — 3/16 R. — MAKE FROM 28W074 — REAR SPAR — CHORD — SEE DET. C — DET. "B" — 1/2 - 1/2 - .022 SQ. TUBE ALCOA #TMSK-15 — AN 442-D4 — 5W019

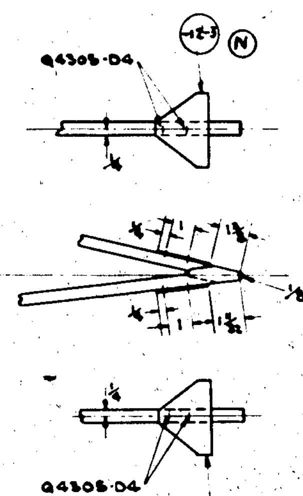
O — P — Q — R — S — U — V — W — X — L — M — N — H — G — F — E — D — C — B

(AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH)

L.H.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH
28W1048-9	75.98	179.05	170.08	161.13	143.22	125.32	107.42	89.52	12.18	29.09	49.97	20.09	40.18	59.24	16.13	14.04	11.43	8.27	4.48	2.29	7.84	7.02	5.82	4.38	2.43	1.32	-14	-15	-16	-17	-18	-19	-20	-21
-8	74.42	176.86	168.01	159.17	141.48	123.80	106.11	88.43	11.91	28.50	48.97	19.65	39.37	58.06	15.81	13.75	11.19	8.10	4.35	2.25	7.68	6.88	5.70	4.24	2.38	1.29	-22	-23	-24	-25	-26	-27	-28	-29
-7	72.90	174.68	165.96	157.21	139.76	122.27	104.81	87.34	11.66	27.92	47.97	19.25	38.56	56.86	15.48	13.47	10.96	7.93	4.26	2.20	7.52	6.73	5.58	4.15	2.33	1.27	-30	-31	-32	-33	-34	-35	-36	-37
-6	71.38	172.50	163.88	155.25	138.00	120.75	103.50	86.25	11.42	27.34	46.96	18.85	37.75	55.67	15.15	13.18	10.73	7.76	4.17	2.16	7.36	6.59	5.47	4.06	2.28	1.24	-38	-39	-40	-41	-42	-43	-44	-45
-5	69.85	170.32	161.81	153.29	136.26	119.22	102.19	85.16	11.18	26.75	45.96	18.44	36.94	54.48	14.82	12.89	10.50	7.59	4.08	2.11	7.20	6.45	5.35	3.97	2.23	1.22	-46	-47	-48	-49	-50	-51	-52	-53
-4	68.33	168.14	159.74	151.33	134.52	117.70	100.89	84.07	10.94	26.16	44.96	18.04	36.14	53.29	14.49	12.61	10.26	7.42	3.99	2.07	7.04	6.31	5.23	3.88	2.18	1.19	-54	-55	-56	-57	-58	-59	-60	-61
-3	66.80	165.97	157.67	149.37	132.78	116.18	99.58	82.99	10.69	25.58	43.96	17.64	35.34	52.10	14.16	12.32	10.03	7.26	3.90	2.02	6.88	6.17	5.11	3.80	2.13	1.16	-62	-63	-64	-65	-66	-67	-68	-69
-2	65.28	163.80	155.61	147.41	131.04	114.66	98.28	81.90	10.45	25.00	42.98	17.24	34.54	50.91	13.84	12.04	9.80	7.09	3.80	1.98	6.72	6.02	4.99	3.71	2.08	1.13	-70	-71	-72	-73	-74	-75	-76	-77

L.H. RIB SHOWN - R.H. OPP.

(O) (-12-1, -12-2) .035 AL. ALLOY SH. - SPEC. 47A10 (CONDITION A) ALLOY 24A SAME AS 28W159-26



DET. C

(-12-2) (N) .035 AL. ALLOY SHT. SPEC. 47A10 (COND. A) ALLOY 24A SAME AS 28W159-19

-2 ASSY. OMIT 2 RIVETS UNTIL ASSY. TO T.E.

Q4305-D4

PRICK PUNCH INSIDE - 4 PLACES

REAR SPAR — AN 442-D4

(P) 28W1048-12-1 1/8 ON 28W1048-3 THRU -9; 28W1048-12-2 1/8 ON 28W1048-2 ONLY

(-11) PRICK PUNCH

(S) (-13) FILE ALL EDGES ON 5W018 - 3/32 R. SAME AS 28W159-16

DET. "A" 6" = 1'-0"

(Q) 28W1048-12-1 DIM. 9/32 ON 28W1048-3 THRU -9; 28W1048-12-2 DIM. 5/16 ON 28W1048-2 ONLY

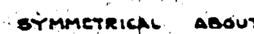
AN 442-D4 — Q610-D4-14.5 — PRICK PUNCH — AN442-D4 — (-10) — (-15)

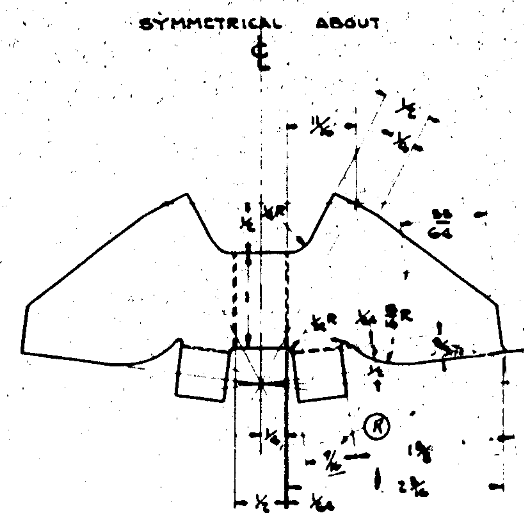
Q4305-D4 - OMIT FROM -9 - 2 UNTILL ASSY. TO T.E.

PRICK PUNCH INSIDE 4 PLACES

DET. "B" 6" = 1'-0"

SYMMETRICAL ABOUT ℄

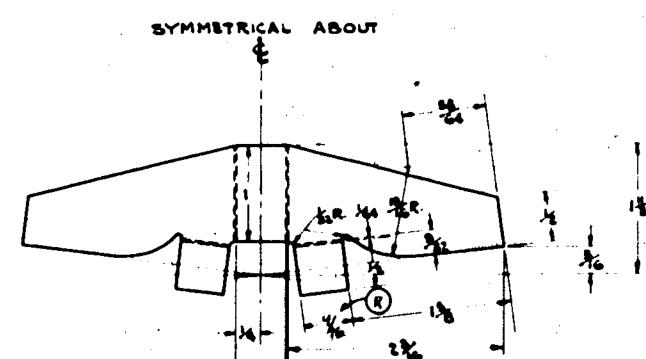




FLAT PATTERN -10
12" = 1'-0"

.035 AL. ALLOY SH. - SPEC. 47A10 (CONDITION A) ALLOY 24-A ALL BEND RADII 3/32 SAME AS 28W159-17

SYMMETRICAL ABOUT ℄



FLAT PATTERN -11
12" = 1'-0"

.035 AL. ALLOY SH. - SPEC. 47A10 (CONDITION A) ALLOY 24A ALL BEND RADII 3/32 SAME AS 28W159-18

(T)

GENERAL NOTE: WHERE RIB MEMBERS MADE FROM SECTION 28W074 HAVE LIPS BENT OUT (AT FWD. & AFT ENDS OF RIB), CRACKS MAY OCCUR. WHERE CRACKS ARE FOUND, FLANGES MUST BE TRIMMED OFF TO REMOVE CRACKS. WHEN TRIMMING, CARE MUST BE USED SO THAT ENOUGH MATERIAL REMAINS TO PROVIDE RIVET EDGE DISTANCE.



(U)

NOTE
THE TOLERANCE FOR RIB AND NOSE RIB ASSEMBLIES SHALL BE ± 1/16 ON ALL CONTOUR DIMENSIONS UNLESS OTHERWISE SPECIFIED

	28W1048-9		28W1048-8		28W1048-7		28W1048-6		28W1048-5		28W1048-4		28W1048-3		28W1048-2	
	PART NO.	REQ.	PART NO.	REQ.	PART NO.	REQ.	PART NO.	REQ.	PART NO.	REQ.	PART NO.	REQ.	PART NO.	REQ.	PART NO.	REQ.
	28W1048-10	1		1		1		1		1		1		1		1
	-11	1		1		1		1		1		1		1		1
(N)	-12-2	2		2		2		2		2		2		2		2
	-13	2		2		2		2		2		2		2		2
	28W1048-14	1	28W1048-22	1	28W1048-30	1	28W1048-38	1	28W1048-46	1	28W1048-54	1	28W1048-62	1	28W1048-70	1
	-15	1	-23	1	-31	1	-39	1	-47	1	-55	1	-63	1	-71	1
	-16	1	-24	1	-32	1	-40	1	-48	1	-56	1	-64	1	-72	1
	-17	1	-25	1	-33	1	-41	1	-49	1	-57	1	-65	1	-73	1
	-18	1	-26	1	-34	1	-42	1	-50	1	-58	1	-66	1	-74	1
	-19	1	-27	1	-35	1	-43	1	-51	1	-59	1	-67	1	-75	1
	-20	1	-28	1	-36	1	-44	1	-52	1	-60	1	-68	1	-76	1
	-21	1	-29	1	-37	1	-45	1	-53	1	-61	1	-69	1	-77	1
	Q610-D4-14.5	1		1		1		1		1		1		1		1
	5W018	5		5		5		5		5		5		5		5
	5W019	1		1		1		1		1		1		1		1
	28W1048-78	2		2		2		2		2		2		2		2
	-12-1	2		2		2		2		2		2		2		
(N)	-12-2														28W1048-12-2	2

FINISH - Z-P-GP FOR PBY-1
Z-P-GD FOR PBY-2 & FUTURE

PART NO.	CALC. WT.	ACT. WT.
-9	1.22	
-8	1.20	
-7	1.17	
-6	1.14	
-5	1.12	
-4	1.09	
-3	1.07	
28W1048-2	1.04	

WEIGHTS

GP - GREEN PRIME

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

AN442-D4
Q4305-D4

G.M.	MODEL	NEXT ASSY	REQ.	PARTS
	PBY-5A	28W023	2EA	
	28-6AMC	28W023-1		
	28-5MAMR	28W023-1		
	PBY-5B	28W023	2EA	
	PBY-5A	28W023-1	2EA	
	PBY-5	28W023-1		27
	PBY-4	28W023-1		-9
	PBY-4	28W023		-8
	PBY-3	28W023-1		-7
	PBY-3	28W023		-6
	PBY-2	28W023-1		ASSYS -5
	PBY-2	28W023		-4
	PBY-1	28W023-1		-3
	PBY-1	28W023		28W1048-2

REQUIREMENTS PER AIRPLANE — PARTS LIST FOR ASSY

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± .010

[redacted]

APPROVED 6-21-37 DATE
NOTED CALC. WT. — ACT. WT.
SCALE NOTED
AC
NAVY — NOTED — NOTED — NOTED
MATERIAL — SPEC. — HEAT TREAT — FINISH
DRAFT — CHECK — STAN.

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
STAMP PT. No. WHERE SHOWN

NAME: RIBS - WING - OUTER PANEL TRAILING EDGE

J 28W1048

H 500